

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-000768**Date Inspected:** 19-Oct-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 630**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	Lu Jian Hua	CWI Present:	Yes	No
Inspected CWI report:	Yes No N/A	Rod Oven in Use:	Yes No N/A	
Electrode to specification:	Yes No N/A	Weld Procedures Followed:	Yes No N/A	
Qualified Welders:	Yes No N/A	Verified Joint Fit-up:	Yes No N/A	
Approved Drawings:	Yes No N/A	Approved WPS:	Yes No N/A	
		Delayed / Cancelled:	Yes No N/A	
Bridge No:	34-0006	Component:	N/A	

Summary of Items Observed:

CALTRANS Quality Assurance (QA) Inspector, Alfredo Acuna was present for the fabrication of the 10 meters U-ribs Weld Trial scheduled for this project at the ZPMC facility in Shanghai, China for the San Francisco Oakland Bay Self Anchored Suspension Bridge.

The QA inspector had a conversation with Caltrans QA inspector Mr. Mike Hasler. Mr. Mike Hasler relayed that he was notified by QC personnel that the OBG trial was being rejected by ZPMC.

The QA inspector had a conversation with ZPMC representative Mr. Lu Jian Hua. The QA inspector asked Mr. Lu Jian Hua if ZPMC was rejecting the weld Trial. Mr. Lu Jian Hua relayed to the QA inspector that the CWI who performed the visual examination rejected the weld trial due to the weld profiles were not in accordance with the contract documents. Mr. Lu Jian Hua added that ZPMC had not yet formally rejected the weld trial.

The QA inspector witnessed ZPMC and ABF personnel performing straightening and flatness verifications at the deck panel from the OBG weld trial. The dimensions taken by ZPMC appeared to be within tolerance in accordance to the contract documents. The QA inspector had a conversation with ABF representative Mr. Peter Fegurson. Mr. Peter Ferguson relayed to the QA inspector that ZPMC would performed their dimensional verifications and probably during the second shift ZPMC would notified Caltrans.

The QA inspector had a conversation with Caltrans Task Leader Robert Cuellar. Mr. Robert Cuellar relayed to the QA inspector that ZPMC formally rejected the OBG weld trial due to weld profiles were not in accordance with the contract documents.

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Summary of Conversations:

As noted above.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By:	Acuna,Alfredo	Quality Assurance Inspector
Reviewed By:	Cuellar,Robert	QA Reviewer
